

## 17. Summary of Triple Bottom Line Assessment

Potential Impact	Impact Rating	Proposed Management	Management Impact	Overall Rating
<b>Land Use and Planning</b>				
Inconsistencies with definitions of George Town Planning Scheme 1991	Minor negative impact	Design consistent with Planning Scheme Requirements	Minor positive impact	Insignificant impact
<b>Infrastructure and Services</b>				
Capacity of local stormwater services	Minor negative impact	A detailed stormwater management plan will be prepared and submitted to Council for approval prior to construction.	Minor positive impact	Insignificant impact
Capacity of Council's wastewater treatment plant to cope with surge effects from the facility	Minor negative impact	Further investigations will be undertaken on the capacity of the receiving sewerage network to ensure discharge volumes are within the existing capacity of the receiving network	Minor positive impact	Insignificant impact
<b>Air Quality</b>				
Generation of dust during construction	Minor negative impact	Construction EMP	Minor positive impact	Insignificant impact
<b>Geology and Soils</b>				
Soil erosion	Minor negative impact	Construction Environmental Management Plan	Minor positive impact	Insignificant impact
	Minor negative impact	Erosion control measures to be installed prior to significant disturbance	Minor positive impact	Insignificant impact
<b>Groundwater and hydrology</b>				
Introduction of pollutants to groundwater	Minor negative impact	Construction EMP	Minor positive impact	Insignificant impact
Impacts on water quality from erosion	Minor negative impact	Construction EMP	Minor positive impact	Insignificant impact
<b>Terrestrial Flora</b>				
Native Vegetation Community Loss	Major negative impact	Construction EMP	Minor positive impact	Major negative impact

Potential Impact	Impact Rating	Proposed Management	Management Impact	Overall Rating
Fragmentation of vegetation	Moderate negative impact	Construction EMP	Minor positive impact	Minor negative impact
Introduced pests	Major negative impact	Construction EMP	Minor positive impact	Moderate negative impact
Introduction of <i>Phytophthora cinnamomi</i>	Minor negative impact	Construction EMP	Minor positive impact	Insignificant impact
Erosion and Sedimentation	Minor negative impact	Construction EMP	Minor positive impact	Insignificant impact
Dust impacts on vegetation	Minor negative impact	Construction EMP	Minor positive impact	Insignificant impact
Changes in hydrology	Moderate negative impact	Construction EMP	Minor positive impact	Minor negative impact
<b>Transport Infrastructure, Traffic and Access</b>				
Additional traffic generated from construction of workers accommodation facility	Major negative impact	Undertake detailed traffic impact assessment to determine appropriate access locations and traffic distribution.	Moderate positive impact	Minor negative impact
	Major negative impact	Undertake appropriate traffic management measures in George Town area to accommodate general increase in traffic.	Moderate positive impact	Minor negative impact
<b>Noise and Vibration</b>				
Noise impacts on surrounding sensitive receptors	Major negative impacts	Construction EMP	Minor positive impacts	Moderate negative impacts
<b>Waste Management</b>				
Disposal of construction and operational wastes	Major negative impact	Waste reduction and recycling on-site	Minor positive impact	Moderate negative impact